

CHEMISTRY NEWSLETTER



Easter Holidays – April 9-12, 2004 – University Buildings will be closed

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VISITING SPEAKERS

***** TODAY *****

Dr. John Ripmeester, NRC Steacie Institute for Molecular Sciences, Ottawa, will speak on “Applications of NMR spectroscopy and micro-imaging to materials and processes for gas adsorption” on Thursday, April 8, 2004 in V-102 at 11:00 a.m.

Dr. Michael Sailor, Department of Chemistry and Biochemistry, University of California at San Diego will speak on “Smart dust: Photonic crystals derived from nanocrystalline porous Si and their applications in sensors and medicine”. On Thursday, April 8/04 at 1:00 p.m. in E3-25.

Ph.D. Seminar

Solomon Ssenyange, will speak on “Electrochemical etching of carbon materials: Applications in microfabrication, electro-analysis and electrospray mass spectrometry” at 2:00 p.m. in E3-25 on Thursday, April 8/04.

Dr. Colin Raston, University of Western Australia, will speak on “Controlling the confinement and interplay of fullerene C60 and other icosahedral molecules” on Thursday, April 22, 2004 at 11:00 a.m. in E3-25.

502 SEMINAR

Nicholas Warner, will speak on “Single-channel microchip for fast screening and detailed identification of nitroaromatic explosives or organophosphate nerve agents on Wednesday, April 14, 2004 at 11:00 a.m. in V-107

Notices

Saturday, May 8, 2004 at 11:00 a.m. in Room E5-36 (May 1 date is canceled).

Sabbatical Home - Live close to University of Alberta in this charming, sunny one-and-a-half storey home on a quiet, tree-lined street in McKernan. This house is fully furnished, including fridge, washer/dryer, dishwasher, stove, gas grill, chest freezer, and other appliances. No pets, no smokers. \$1000 CAN/month, utilities extra. Available 9/03-8/04 (negotiable). Additional details including photos can be found at:

http://www.sabbaticalhomes.com/result_query_details.asp?MessageID=11653

Email dietmark@athabascau.ca or call (780) 431-4924.

Chemistry 401 Presentations:

Monday, April 26, 2004 1:00-3:00 p.m. in E3-25

Logan LaRocque: “Magnetic Resonance Imaging of an operating fuel cell”

Andrea Lui: “Development for combinatorial atomic force microscopy (AFM)”

June Ng: “How can a detector be modified?”

Dennis Wenger: “Possible applications of new photonic crystal fibre in Raman spectroscopy”.

EMPLOYMENT OPPORTUNITIES

ARE POSTED ON THE BULLETIN BOARD
ACROSS FROM THE ELEVATORS ON THE THIRD FLOOR
PLEASE DO NOT REMOVE THE EMPLOYMENT NOTICES FROM
THE BULLETIN BOARD

Employment opportunities are posted on a new internet site:

<http://www.careerowl.ca>

The Department of Chemistry is searching for an Analytical Laboratory Coordinator. The position will soon be posted. If you are interested please monitor the following URL - <http://www.careers.ualberta.ca/Opportunities/index.aspx?Page=4>. Submit your application according to the instructions and not directly to the department.

Graduate Student/Post-doc Career Advice: The UofA Library has a subscription to Science's Next Wave, a weekly online publication that covers scientific training, career development, and the science job market. It can be accessed through the library or at nextwave.sciencemag.org/ca/

Students interested in Pharmaceutical Sales and Marketing jobs should search for vacancies online at <http://www.sciencejobs.com>

National Institute for Nanotechnology requires a Electron Microscopy Technical Officer. Contact person Thelma Finch, Human Resources Systems Coordinator (780492-8695)

University College of Cariboo requires full-time, ongoing faculty position for chemical biology.

University of Kansas, Lawrence KS has post doctoral positions in biochemistry/biophysics and microbiology, Department of Medicinal Chemistry. Send application to sdavid@ku.edu.

Brandon University, the Department of Chemistry has an opening for a tenure track position for biochemistry. E-mail wrightj@brandonu.ca

Alberta Sulpher Research Ltd. Located in the Department of Chemistry at the University of Calgary is seeking to appoint a physical chemist.

Bayer Pharmaceuticals Corporation, Department of Chemistry, West Haven facility is seeking a synthetic organic chemist.

Outreach Activities can be accessed at:

www.ualberta.ca/Outreach/whats%20new.htm#science

Chemistry 401 Presentations:

Tuesday, April 27, 2004 1:00-3:30 p.m. in E3-25

Wing Chung: “Thermal dissociation of metal ion-carbohydrate complexes M^{2+} (trehalose)_n in the gas phase”.

Colin Hessel: “Biotransformation of PCB's in a tidal marsh food web”.

Robbie Nissen: Synthesis of Methyl 5-Methylthio-alpha-D-Arabinofuranoside

Jessica Ponto: “Synthesis of a Rhodococcus suber lipoarabinomannan fragment.”

David Wingert: “Indirect formation of a nitrogen heterocycle onto a benzene ring via radical cyclization.”

...exciting Easter activities for the kids...



...how to crack an Easter egg? – tell it a yolk!

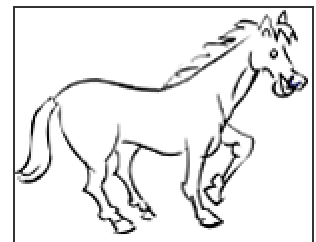
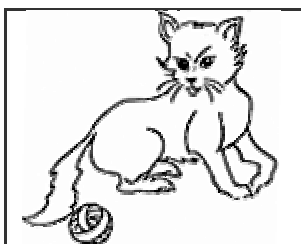
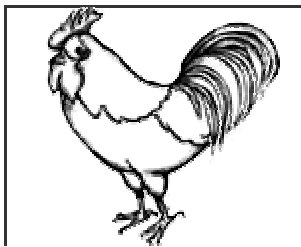
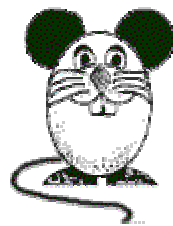


Links to crafts and colouring for the kids:

<http://www.squiglyplayhouse.com/ArtsAndCrafts/ColouringPictures/>; <http://www.123child.com/easter/>



EGG ANIMALS



Colouring panels for the kids